

CLAIMS

1. An ultrasonic motor driving device for driving an ultrasonic motor, comprising:

5 a speed control means for driving the ultrasonic motor at at least two types of speeds: and which drives at a low speed, the slower out of the two types of speeds, during normal drive.

10 2. An ultrasonic diagnostic device for obtaining three-dimensional images by scanning sonic elements by driving an ultrasonic motor, wherein:

whether or not the ultrasonic motor was driven for a predetermined period of time, at the lower speed out
15 of at least two types of speeds, when the power switch of the ultrasonic diagnostic device has been turned OFF, is determined, and if it was driven, the ultrasonic motor is driven at the higher speed out of at least two types of speeds, for an arbitrarily set period of time.

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3. An ultrasonic diagnostic device for obtaining three-dimensional images by scanning sonic elements by driving an ultrasonic motor, wherein:

, whether or not the ultrasonic motor was driven for a
25 predetermined period of time, at the lower speed out

of at least two types of speeds, when the screensaver of the monitor which shows the three-dimensional image has been turned ON, is determined, and if it was driven, the ultrasonic motor is driven at the higher speed out
5 of at least two types of speeds.

4. An ultrasonic diagnostic device for obtaining three-dimensional images by scanning sonic elements by driving an ultrasonic motor, wherein:

10 whether or not the ultrasonic motor was driven for a predetermined period of time, at the lower speed out of at least two types of speeds, is determined when the power switch is turned ON for the first time within one day, and if it was driven, the ultrasonic motor is driven
15 at the higher speed out of at least two types of speeds.

5. An ultrasonic diagnostic device for obtaining three-dimensional images by scanning sonic elements by driving an ultrasonic motor, wherein:

20 the user is asked whether or not the driving function in the lower speed out of at least two types of speeds should be turned on, by driving the ultrasonic motor at the higher speed out of at least two types of speeds, when the ultrasonic motor is driven for a
25 predetermined period of time at the lower speed out of

at least two types of speeds, and if the user selects this function, a means for turning on this function is provided.